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THE WELLCOME RESEARCH LABORATORIES  
TUCKAHOE 7, NEW YORK  
(WESTCHESTER COUNTY)

May 30, 1955

Prof. Joshua Lederberg  
University of Wisconsin  
Madison 6, Wisc.

Dear Prof. Lederberg:

The following is a list of our publications re pyrimidines as antimetabolites. Our library will send those which are still available. I have included a couple of the references on diaminopyrimidines although these may not be particularly pertinent since compounds of this class are antagonists of folic acid.

- #150 The Effects of Pyrimidines on the Growth of *Lactobacillus casei*. G.H. Hitchings, E.A. Falco and M.B. Sherwood. *Science* 102, 251 (1945).
- #186 Pyrimidine Derivatives as Antagonists of Pteroylglutamic Acid. G.H. Hitchings, G.B. Elion, H. VanderWerff and E.A. Falco. *J. Biol. Chem.* 174, 765-766 (1948).
- #188 The Limitations of Inhibition Analysis. G.H. Hitchings, G.B. Elion and H. VanderWerff. *J. Biol. Chem.* 174, 1037-1038 (1948).
- #212 The Effects of Antagonists on the Multiplication of Vaccinia Virus. in vitro. R.L. Thompson, M.L. Wilkin, G.H. Hitchings, G.B. Elion, E.A. Falco and P.B. Russell. *Science* 110, 454 (1949).
- #221 Antimalarials as Antagonists of Purines and Pteroylglutamic Acid. E.A. Falco, G.H. Hitchings, P.B. Russell and H. VanderWerff. *Nature* 164, 107-108 (1949).
- #225 Antagonists of Nucleic Acid Derivatives. I. The *Lactobacillus casei* Model. G.H. Hitchings, G.B. Elion, E.A. Falco, P.B. Russell, M.B. Sherwood and H. VanderWerff. *J. Biol. Chem.* 183, 1-9 (1950).
- #238 Studies on Analogs of Purines and Pyrimidines. G.H. Hitchings, G.B. Elion, E.A. Falco, P.B. Russell and H. VanderWerff. *Ann. N.Y. Acad. Sci.* 52, 1318-1335 (1950).
- #239 Antagonists of Nucleic Acid Derivatives. II. Reversal Studies with Substances Structurally Related to Thymine. G.H. Hitchings, G.B. Elion, and E.A. Falco. *J. Biol. Chem.* 185, 643-649 (1950).

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- #267 2,4-Diaminopyrimidines. A New Series of Antimalarials. E.A. Falco, L.G. Goodwin, G.H. Hitchings, I.M. Rollo and P.B. Russell. Brit. J. Pharmacol. Chemother. 6, 185-200 (1951).
- #292 Effects of Purine and Pyrimidine Analogues on Development of *Rana pipiens*. S. Bieber, R.F. Nigrelli and G.H. Hitchings. Proc. Soc. Exp. Biol. Med. 79, 430-432 (1952).
- #294 Antimetabolites as Chemotherapeutic Agents. G.H. Hitchings. First Symposium on Chemical-Biological Correlation. Nat. Acad. Sci., Nat. Res. Council p. 394-395, May 26-27 (1950).

We are very glad to learn that you intend to undertake some genetic experiments and hope that you will keep us informed about their progress.

Sincerely yours,

A handwritten signature in cursive script, reading "George Hitchings". The signature is written in dark ink and is positioned above the typed name and title.

George H. Hitchings  
Chief Biochemist

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